

CLAIMS

1. An injection mould (1) for producing three-dimensional components,
5 c h a r a c t e r i s e d b y
 a system (2) for mould tempering having at least one groove (12) which is arbitrarily extended between two points in the available volume of the mould for conducting a tempering medium which is intended for tempering
10 of modules (4, 8) included in the mould (1),
 each groove (12) being covered along essentially its entire extent by a cover (15).
- 15 2. An injection mould (1) as claimed in claim 1, in which the groove (12) along its extent is of a varying width and depth.
- 20 3. An injection mould (1) as claimed in claim 1 or 2, in which a seal (16) is arranged between two modules (4, 8) which between them define said groove (12).
- 25 4. An injection mould (1) as claimed in any one of the preceding claims, in which a first module (8) forms a cover (15) for a second module (4).
- 30 5. An injection mould (1) as claimed in any one of the preceding claims, in which at least one module (4, 8) constitutes a mould half (3a, 3b) with a cavity (5) formed therein.
- 35 6. An injection mould (1) as claimed in any one of the preceding claims, in which the groove (12) is arranged in connection with a hot-runner system arranged in the injection mould (1).

7. An injection mould (1) as claimed in any one of the preceding claims, in which the system (2) for mould tempering is directly or indirectly connected to a circulation system included in an injection moulding assembly.

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8. A system (2) for mould tempering of injection moulds (1) for producing three-dimensional components, characterised by

at least one (12) groove which is arbitrarily
10 extended between two points in the available volume of the mould for conducting a tempering medium which is intended for tempering of modules (4, 8) included in the mould (1),

each groove (12) being covered along essentially its
15 entire length by a cover (15).

9. An injection moulding assembly comprising an injection mould (1) as claimed in any one of claims 1-7.

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